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(54) Title: FIRE RETARDANT COMPOSITION, USE THEREOF FOR THE MANUFACTURE OF LINOLEUM, FIRE RETARDANT PRODUCTS MADE FROM THIS LINOLEUM AND APPLICATION OF THESE LINOLEUM PRODUCTS

(57) Abstract: Composition with fire retarding properties with a high molecular polymer organic material of linoleum cement, as well as a fire retardant addition of aluminium hydroxide and optionally further fillers. This linoleum cement composition can contain up to 38 wt. of aluminium hydroxide. The composition can contain calcium carbonate as well in a fire retarding composition of 10 - 90 wt % of linoleum cement. In a linoleum cement composition can about half of the calcium carbonate present for linoleum manufacture be replaced through aluminium hydroxide. In this composition can further the linoleum cement composition contain 5 - 25 wt. % of both calcium carbonate as well as aluminium hydroxide, wherein the total weight percentage of both substances is 20 - 40 wt. %. The linoleum cement composition can comprise a mainly cellulose containing filler, such as wood flour, cork flour, short natural fibres or rayon fibres. The invention relates also to fire retardant linoleum manufactured by means of methods known per se for linoleum manufacture from the fire retarding linoleum cement mixtures concerned and there from formed shaped fire retarding objects suitable for covering of surfaces, such as floors, walls, ceilings, tables and wall boards. Finally the invention relates to other products which can be applied on a surface and end-use thereof.

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